

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 2

Amendment.

Please amend the specification as follows:

7/3/02  
hw  
Page 3, line 29, delete " {\_chains " and insert therefor --{chains-- ✓

Page 4, line 21, delete "phagocytocised" and insert therefor --  
phagocytosed--.

Page 7, line 7, delete "IFN\_Y" and insert therefor --IFN-Y--.

Page 8, line 5, delete "linearilized" and insert therefor --  
linearized--.

Page 8, line 21, delete "conjugant" and insert therefor --conjugate-  
--.

Page 12, lines 4, 10, 17, 23, 29, delete "NO." and insert therefor  
--NO:--.

✓ Page 13, lines 20 at 24, delete "Sequence" and insert therefor --  
SEQ--; and on line 28, delete "Sequence I.D." and insert therefor  
--SEQ ID--.

Page 15, lines 4 and 16, delete "Va" and insert therefor --VA--.

Page 15, line 28, delete "Coli" and insert therefor --coli--.

✓

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 3

Page 15, line 33, delete "of claim 1".

Page 19, lines 28 and 36, delete "felid" and insert therefor--  
feline--.

Page 20, lines 9 and 18, delete "felids" and insert therefor --  
felines--.

Page 21, line 2, delete "felids" and insert therefor --felines--.

Page 21, line 25, delete "5, and" and insert therefor --5, and--.

Page 21, line 32, delete "CD 80" and insert therefor --CD80--.

Page 25, line 28, delete "Coli" and insert therefor --coli--.

Page 25, line 34, delete "Promege" and insert therefor --Promega--.

Page 26, lines 14, 21 and 29, delete "felid" and insert therefor --  
feline--.

Page 27, line 9, delete "felid" and insert therefor --feline--.

Page 32, lines 5, 6, and 8, delete "felid" and insert therefor --  
feline--.

NE

Page 32, line 20, delete "lymphocytes" and insert therefor --

U

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 4

lymphocytes--.

Page 33, line 34, delete "felid" and insert therefor --feline--.

Page 34, lines 18, 21, and 35, delete "felid" and insert therefor --feline--.

Page 35, line 9, delete "felids" and insert therefor --felines--.

Page 37, lines 9, 10, 16, 18, 25, 27, 32 and 33, delete "NO." and insert therefor --NO:--.

Page 38, lines 3, 4, 10, 12, 15, 16, 20, 22, 26, 27, 32 and 33, delete "NO." and insert therefor --NO:--.

Page 39, lines 5, 8, 10, 11, 15, 17, 20, 21, 25 and 27, delete "NO." and insert therefor --NO:--.

Page 41, lines 1, 2, 3, 4, 5, 6, 7, 23 and 24 delete "NO." and insert therefor --NO:--.

Page 41, line 36, delete "E.coli" and insert therefor --E. coli--.

Page 42, lines 12 and 13, delete "NO." and insert therefor --NO:--.

Page 44, line 11, delete "types.The" and insert therefor --types. The--.

U

Applicants: Ellen W. Collisson, et al.

U.S. Serial No.: 08/303,510

Filed: April 30, 1999

Page 5

Page 47, line 22, delete "extracellullar" and insert therefor --  
extracellular--.

Page 47, line 23, delete "transmembrane" and insert therefor --  
transmembrane--.

Page 51, lines 6 and 9, delete "constitutively" and insert therefor  
--constitutively--.

Page 52, line 15, delete "IFN<sub>γ</sub>" and insert therefor --IFN<sub>γ</sub>--.

Page 52, line 16, delete "\_1993" and insert therefor --1993--.

Page 52, line 17, delete "\_The" and insert therefor --The--.


Page 57, line 30, delete "felid" and insert therefor --feline--.

Page 58, line 12, delete "concensus" and insert therefor --  
consensus--.

Page 58, line 15, please delete "(ntd.)".

Page 58, line 17, after "GGC CCG AGT A(CT)A AGA ACC GGA C" please  
insert --(SEQ ID NO: 56)--.

Page 60, line 9, after "TTA TAC TAG GGA CAG GGA AG" please insert  
--(SEQ ID NO: 58)--.



Applicants: Ellen W. Collisson, et al.

U.S. Serial No.: 08/303,510

Filed: April 30, 1999

Page 6

Page 60, line 10, after "AGG CTT TGG AAA ACC TCC AG" please insert  
--(SEQ ID NO: 59)--.

Page 60, line 24, after "TTG TTA TCG GTG ACG TCA GTG" please insert  
--(SEQ ID NO: 60)--.

Page 60, line 25, after "CAA TAA CAT CAC CGA AGT CAG G" please  
insert --(SEQ ID NO: 61)--.

Page 61, line 2, delete "ntd." and insert therefor --nucleotide--.

Page 61, line 5, after "GTC ATG TCT GGC AAA GTA CAA G" please insert  
--(SEQ ID NO: 62)--.

Page 61, line 6, after "CAC TGA GCT CAC CGA TAA CCA C" please insert  
--(SEQ ID NO: 63)--.

Page 61, line 7, after "CTG ACT TCG GTG ATG TTA TTG G" please insert  
--(SEQ ID NO: 64)--.

Page 61, line 8, after "GCC ATC AAC ACA ACA GTT TCC" please insert  
--(SEQ ID NO: 65)--.

Page 61, line 9, after "TAT GAC AAA CAA CCA TAG CTT C" please insert  
--(SEQ ID NO: 66)--.

Page 61, line 10, delete "consensus" and insert therefor --

U

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 7

✓  
consensus--.

Page 61, line 12, after "G(A/G)A AGA (A/T)TG CCT CAT GA(G/T) CC"  
please insert --(SEQ ID NO: 67)✓--.

Page 61, line 13, after "CA(C/T) (A/G)AT CCA ACA TAG GG" please  
insert --(SEQ ID NO: 68)✓--.

Page 62, line 2, after "ATG GGT CAC GCA GCA AAG TGG" please insert  
--(SEQ ID NO: 69)✓--.

Page 62, line 3, after "CCT AGT AGA GAA GAG CTA AAG AGG C" please  
insert --(SEQ ID NO: 12)✓--.

Page 65, line 36, delete "glycosilation" and insert therefor --  
glycosylation✓--.

Page 67, line 5, delete "hile" and insert therefor --While✓--.

Page 67, line 32, delete "ntd." and insert therefor --nucleotide✓--.

Page 69, line 9, delete "ntd." and insert therefor --nucleotide✓--.

Page 69, line 28, delete "extracelluar" and insert therefor --  
extracellular✓--.

Page 74, line 22, delete "phospho-inositide" and insert therefore

U

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 8

--phosphatidylinositol--.

Page 75, line 6, delete "phosphatidylinositol-3-kinase" and insert therefor --phosphatidylinositol 3-kinase--.

Page 78, line 14, delete "\_IL" and insert therefor --IL--.

Page 80, line 2, delete "ntd." and insert therefor --nucleotide--.

Page 80, line 4, after "CAA CCT TAG CTG CAA GTA CAC" please insert --(SEQ ID NO: 70)--.

Page 80, line 5, after "GGC TTC TGG ATA GGG ATA GG" please insert --(SEQ ID NO: 71)--.

Page 80, line 15, after "CGG AGG TAG AAT TGC ACT GTC C" please insert --(SEQ ID NO: 72)--.

Page 80, line 16, after "ATT TTG CAG AAG TAA ATA TCC" please insert --(SEQ ID NO: 73)--.

Page 81, line 30, delete "consensus" and insert therefor --consensus--.

Page 81, line 33, after "CGC GGA TCC ACC GGT AGC ACA ATG ATC CTC AGG" please insert --(SEQ ID NO: 13)--.

U

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 9

Page 81, line 34, after "CGC GGA TCC TCT GGA TAG GGG TCC ATG TCA G"  
please insert --(SEQ ID NO: 14)--.

Page 82, line 14, delete "consensus" and insert therefor --  
consensus--.

Page 82, line 23, delete "ntd.s" and insert therefor --nucleotides--

Page 83, line 25, delete "fe" and insert therefor --feline--.

NB Page 82, line 28, delete "ntd." and insert therefor --nucleotides--.

Page 86, line 21, delete "glycosilation" and insert therefor --  
glycosylation--.

Page 87, line 4, delete "fe" and insert therefor --feline--.

Page 89, line 29, delete "oligerimization" and insert therefor --  
oligomerization--.

Page 89, line 34, delete "oligerimized'" and insert therefor --  
oligomerized--.

Page 90, line 26, after "AAA C" please insert --(SEQ ID NO: 11)--.

Page 90, line 27, after "CCT AGT AGA GAA GAG CTA AAG AGG C" please  
insert --(SEQ ID NO: 12)--.

J



Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 10

Page 90, line 28, after "CGC GGA TCC ACC GGT AGC ACA ATG ATC" please  
insert --(SEQ ID NO: 13)--.

Page 90, line 29, after "CGC GGA TCC TCT GGA TAG GGG TCC ATG" please  
insert --(SEQ ID NO: 14)--.

Page 92, line 5, delete "Ligant" and insert therefor --Ligand--.

Page 94, lines 2 and 3, delete "supernate" and insert therefor --  
supernatant--.

Page 104, line 6, delete "lymphodenopathy" and insert therefor --  
lymphadenopathy--.

Page 109, line 4, after "CAT GTC TGG CAA AGT ACA AG" please insert  
--(SEQ ID NO: 74)--.

Page 109, line 5, after "TTA TAC TAG GGA CAG GGA AG" please insert  
--(SEQ ID NO: 75)--.

Page 109, line 7, after "CGC GGA TCC ACC GGT AGC ACA ATG ATC CTC  
AGG" please insert --(SEQ ID NO: 13)--.

Page 109, line 8 after "ATT TTG CAG AAG TAA ATA TCC" please insert  
--(SEQ ID NO: 73)--.

Page 112, line 1, delete "(25\_μ1)" and insert therefor --(25 μ1)--.

Applicants: Ellen W. Collisson, et al.  
U.S. Serial No.: 08/303,510  
Filed: April 30, 1999  
Page 11

Page 112, line 9, after "CCT TCA TTG ACC TCA ACT ACA T" please  
insert --(SEQ ID NO: 76)--.

Page 112, line 10, after "CCA AAG TTG TCA TGG ATG ACC" please insert  
--(SEQ ID NO: 77)--.

Page 112, line 16, after "CAA CCC CAA ACT CTC CAG GAT G" please  
insert --(SEQ ID NO: 78)--.

Page 112, line 17, after "GGT CAG CGT TGA GAA GAT GCT TTG" please  
insert --(SEQ ID NO: 79)--.

Page 112, line 18, after "TAT TAA TGG GTC TCA CCT ACC" please insert  
--(SEQ ID NO: 80)--.

Page 112, line 19, after "TTG GCT TCA TTC ACA GAA CAG" please insert  
--(SEQ ID NO: 81)--.

Page 112, line 20, after "GGG TCG CTT TTC GTA GAC ATT TTG" please  
insert --(SEQ ID NO: 82)--.

Page 112, line 21, after "CAG GCA GGA CAA CCA TTA TTT C" please  
insert --(SEQ ID NO: 83)--.

Page 125, line 11, delete "targetT-cells" and insert therefor --  
target T-cells--.

U

Applicants: Ellen W. Collisson, et al.

U.S. Serial No.: 08/303,510

Filed: April 30, 1999

Page 12

Page 128, line 31, delete "Aquired" and insert therefor --Acquired--

Page 132, line 5, delete "apoptosois" and insert therefor --  
apoptosis--.

Page 137, line 15, delete "phosphatidylinositol3-kinase" and insert  
therefor --phosphatidylinositol 3-kinase--.

Page 137, line 36, delete "expansionof" and insert therefor --  
expansion of--.

Page 138, line 30, delete "IFN<sub>Y</sub>" and insert therefor --IFN<sub>Y</sub>--.

Page 139, line 5, delete "inparasitic" and insert therefor --in  
parasitic--.

Page 142, line 11, delete "stapphylococcal" and insert therefor --  
staphylococcal--.

On page 44, line 23 to page 45, line 3, please delete the table and  
substitute therefor:

Applicants: Ellen W. Collisson, et al.

U.S. Serial No.: 08/303,510

Filed: April 30, 1999

Page 13

C2  
7/11/00

DNA and Amino Acid Percentage Sequence Identity	Human Homologue (DNA Sequence) % Identity	Human Homologue (AA Sequence) % Identity	Mouse Homologue (DNA Sequence) % Identity	Mouse Homologue (AA Sequence) % Identity	Rabbit Homologue (DNA/ AA Sequence) % Identity	Chicken Homologue (DNA/ AA Sequence) % Identity
FelineCD80	77	59	62	46	-	-
FelineCD86	72	68	-	-	67/64	-
FelineCD28	85	82	77	74	84/84	59/50
FelineCTLA-4	88	88	79	78	-	-

On page 113, line 23 to page 114, line 5, please delete Table 3 and substitute therefor:

~~Table 3: CD4:CD8 T-lymphocyte ratios from PBMC drawn from acutely infected and uninfected cats.~~

C3  
7/11/00

CD4:CD8	WK1	WK2	WK3	WK4	WK5	WK6	WK8
<b>Infected</b>							
AUO 4	4.5	N/D	1.9	1.2	1.0	1.5	1.6
AUU 3	N/D	2.3	2.9	1.3	1.2	1.1	2.1
OAC2	2.8	1.48	2.3	1.9	1.1	1.14	1.1
<b>Uninfected</b>							
AWG 3	2.6	1.5	1.9	2.0	1.8	1.9	2.2
OAE 6	2.1	1.5	1.9	1.2	1.8	2.0	2.0

J